

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/856,655

CRF Processing Date: 2/16/2002

Edited by: AD

Verified by: AD (STIC staff)

**ENTERED**

*Per 109 IND*

*#6*

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☒ Other: Seq 5 - moved 22217 response up one line

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



PCT09

RAW SEQUENCE LISTING                      DATE: 02/16/2002  
 PATENT APPLICATION: US/09/856,655        TIME: 14:19:15

Input Set : N:\Crf3\02082002\I856655.raw  
 Output Set: N:\CRF3\02152002\I856655.raw

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1 <110> APPLICANT: THE UNIVERSITY OF QUEENSLAND
2 <120> TITLE OF INVENTION: IMMUNOSTIMULATORY DNA
3 <130> FILE REFERENCE: immunoDNA
4 <140> CURRENT APPLICATION NUMBER: US/09/856,655
5 <141> CURRENT FILING DATE: 2002-01-02
6 <150> PRIOR APPLICATION NUMBER: PCT/AU99/01052
7 <151> PRIOR FILING DATE: 1999-11-25
8 <150> PRIOR APPLICATION NUMBER: PP7288
9 <151> PRIOR FILING DATE: 1998-11-25
10 <160> NUMBER OF SEQ ID NOS: 14
11 <170> SOFTWARE: PatentIn Ver. 2.0
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 22
15 <212> TYPE: DNA
16 <213> ORGANISM: Artificial Sequence
17 <220> FEATURE:
18 <223> OTHER INFORMATION: Description of Artificial Sequence: AO-1
19     oligonucleotide
20 <400> SEQUENCE: 1
21     gctcatgacg ttcctgatgc tg                                22
23 <210> SEQ ID NO: 2
24 <211> LENGTH: 22
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: AOM-1
29     oligonucleotide
30 <221> NAME/KEY: Modified_base
31 <222> LOCATION: (9)
32 <223> OTHER INFORMATION: cm
33 <400> SEQUENCE: 2
34     gctcatgacg ttcctgatgc tg                                22
36 <210> SEQ ID NO: 3
37 <211> LENGTH: 22
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: NAO-1
42     oligonucleotide
43 <400> SEQUENCE: 3
44     gctcatgagc ttcctgatgc tg                                22
46 <210> SEQ ID NO: 4
47 <211> LENGTH: 22

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48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Description of Artificial Sequence: AOS-1
52     oligonucleotide
53 <221> NAME/KEY: misc_feature
54 <222> LOCATION: (1)..(22)
55 <223> OTHER INFORMATION: phosphorothioate
56 <400> SEQUENCE: 4
57     gctcatgacg ttcttgatgc tg                                22
59 <210> SEQ ID NO: 5
60 <211> LENGTH: 22
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence: NAOS-1
65     oligonucleotide
66 <221> NAME/KEY: misc_feature
67 <222> LOCATION: (1)..(22)
68 <223> OTHER INFORMATION: phosphorothioate
69 <400> SEQUENCE: 5
70     gctcatgagc ttcttgatgc tg                                22
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 22
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: IO-2
78     oligonucleotide
79 <400> SEQUENCE: 6
80     gctcatgccg gtcctgatgc tg                                22
82 <210> SEQ ID NO: 7
83 <211> LENGTH: 22
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: AAC-22
88     oligonucleotide
89 <400> SEQUENCE: 7
90     accgataacg ttgccggtga cg                                22
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 22
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: ACC-22
98     oligonucleotide
99 <400> SEQUENCE: 8
100    accgataaccg gtgccggtga cg                                22

```

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102 <210> SEQ ID NO: 9
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104 <212> TYPE: DNA
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106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: M12
108     oligonucleotide
109 <400> SEQUENCE: 9
110     atccataacg ttccagaagc tg                                22
112 <210> SEQ ID NO: 10
113 <211> LENGTH: 20
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: PU-1
118     oligonucleotide
119 <400> SEQUENCE: 10
120     gtaggaccgg aagtgggagt                                20
122 <210> SEQ ID NO: 11
123 <211> LENGTH: 99
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence: Oct
128     oligonucleotide
129 <400> SEQUENCE: 11
130     aattcgagct cggtaaccga tcctagcccc tctatgcaaa tgagaagcat tcctttcgaa 60
131     ttggggatcc tctagagtcg acctgcaggc atgcaagct                                99
133 <210> SEQ ID NO: 12
134 <211> LENGTH: 20
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: 1668
139     oligonucleotide
140 <400> SEQUENCE: 12
141     tccatgacgt tcctgatgct                                20
143 <210> SEQ ID NO: 13
144 <211> LENGTH: 18
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: IL-12 p40
149     oligonucleotide
150 <400> SEQUENCE: 13
151     gctatgacgt tccaaggg                                18
153 <210> SEQ ID NO: 14
154 <211> LENGTH: 22
155 <212> TYPE: DNA

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156 <213> ORGANISM: Artificial Sequence  
157 <220> FEATURE:  
158 <223> OTHER INFORMATION: Description of Artificial Sequence: SAAC-22  
159     oligonucleotide  
160 <221> NAME/KEY: misc\_feature  
161 <222> LOCATION: (1)..(22)  
162 <223> OTHER INFORMATION: phosphorothioate  
163 <400> SEQUENCE: 14  
164     accgataacg ttgccggtga cg

22

VERIFICATION SUMMARY

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